10/561968 1APS REC' d PCT/PTO 22 DEC 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: Hideo HOSONO et al.

Serial Number: Not yet assigned

(§371 of international application No. PCT/JP2004/001507)

Filed: December 22, 2005

For: ELECTROCONDUCTIVE 12CaO·7Al₂O₃ AND COMPOUND OF

SAME TYPE, AND METHOD FOR PREPARATION THEREOF

Attorney Docket Number:

Stephen G. Advien Reg. No. 32,878 053329

Customer Number:

38834

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450 December 22, 2005

Sir:

In compliance with 37 C.F.R. §1.56, Applicants direct the attention of the Patent and Trademark Office to the documents listed on the attached PTO/SB/08. A copy of each non-U.S. document is enclosed herewith.

If there are any fees due in connection with the filing of this paper, please charge Deposit Account No. 50-2866.

Respectfully submitted,

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Enclosure: PTO/SB/08, 12 documents and international search report.

10/561968

Combined Form PTO/SB/08A&B

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of

Complete if Known				
Application Number	New Application			
Confirmation Number				
Filing Date	December 22, 2005			
First Named Inventor	Hideo HOSONO et al.			
Art Unit				
Examiner Name .				
Attorney Docket Number	053329			

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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number		Publication Date	
		Number	Kind Code ² (if known)	MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	1	US 5,675,972		10-14-1997	Jonathan Sidney EDELSON
	2	US2005/0061657		03-24-2005	Hideo HOSONO et al.
		US			

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Examiner Initials*	Cite No.1	Foreign Patent Document		Publication Date	Name of Patentee or		
		Country Code ³	Number⁴	Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation ⁶
	3	JP	2003-040697	1	02-13-2003	Japan Sci. & Tech. Corp.	Abstract, cited in the ISR
	4	JP	2002-348117		04-12-2002	Japan Atom Ener. Res. Ins.	Abstract, cited in the ISR
	5	JP	2002-003218		01-09-2002	Japan Sci. & Tech. Corp.	Abstract, cited in the ISR
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	7	JP	2002-316867		10-31-2002	Japan Sci. & Tech. Corp.	Abstract, cited in spec.
	8	JP	2003-238149		08-27-2003	Japan Sci. & Tech. Corp.	Abstract, cited in spec.
	9	PCT	WO03/089373		10-30-2003	Japan Sci. & Tech. Corp.	Abstract, cited in spec.
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		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
	10 .	Andrew S. ICHIMURA et al.; "Toward Inorganic Electrides", J. AM. Chem. Soc., Vol. 124, No. 7, 2002, pp.1170-1171. Cited in the ISR.	
	11	Satoru MATSUISHI et al.; "High-Density Electron Anions in a Nanoporous Singe Crystal [Ca ₂₄ AI ₂₈ O ₆₄] ⁴⁺ (4e ⁻), Science, Vol. 301, August 1, 2003, Cited in the ISR	
	12	H. HOSONO et al.; "12CaO·7Al ₂ O ₃ crystal containing calthrated hyperoxide ion radicals called phatom chemical species in high concentration", Vol. 33, No. 4, 1996, pp171-172. Cited in the spec.	
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Examiner Signature	Date Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.